


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		010519	09/991,039
		APPLICANT	
		JALALI et al.	
DATE MAILED: 02/13/2002		FILING DATE	GROUP
		11/21/2001	2661

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

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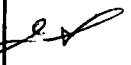
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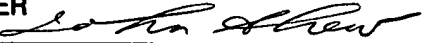
Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						
	B4						
	B5						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	J. G. Proakis, <u>DIGITAL COMMUNICATIONS</u> , 3 RD Edition, 1995, McGraw Hill, Sections 10-2-2 and 10-3-2.
	C2	John A.C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communication Magazine, May 1990 (pgs. 5-14)

EXAMINER 	DATE CONSIDERED 4/1/2005
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		010519	09/991,039
DATE MAILED: 06/25/2003		APPLICANT JALALI et al.	
		FILING DATE 11/21/2001	GROUP 2661



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
<i>[Signature]</i>	A1	5,914,933	06/22/1999	CIMINI et al.			
	A2						
	A3						
	A4						
	A5						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
<i>[Signature]</i>	B1	EP 0703685 A2	03/27/1996	EP	AT & T CORP.		
	B2						
	B3						
	B4						
	B5						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
	C2	
	C3	
	C4	

EXAMINER <i>John Stew</i>	DATE CONSIDERED <i>4/1/2005</i>
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